

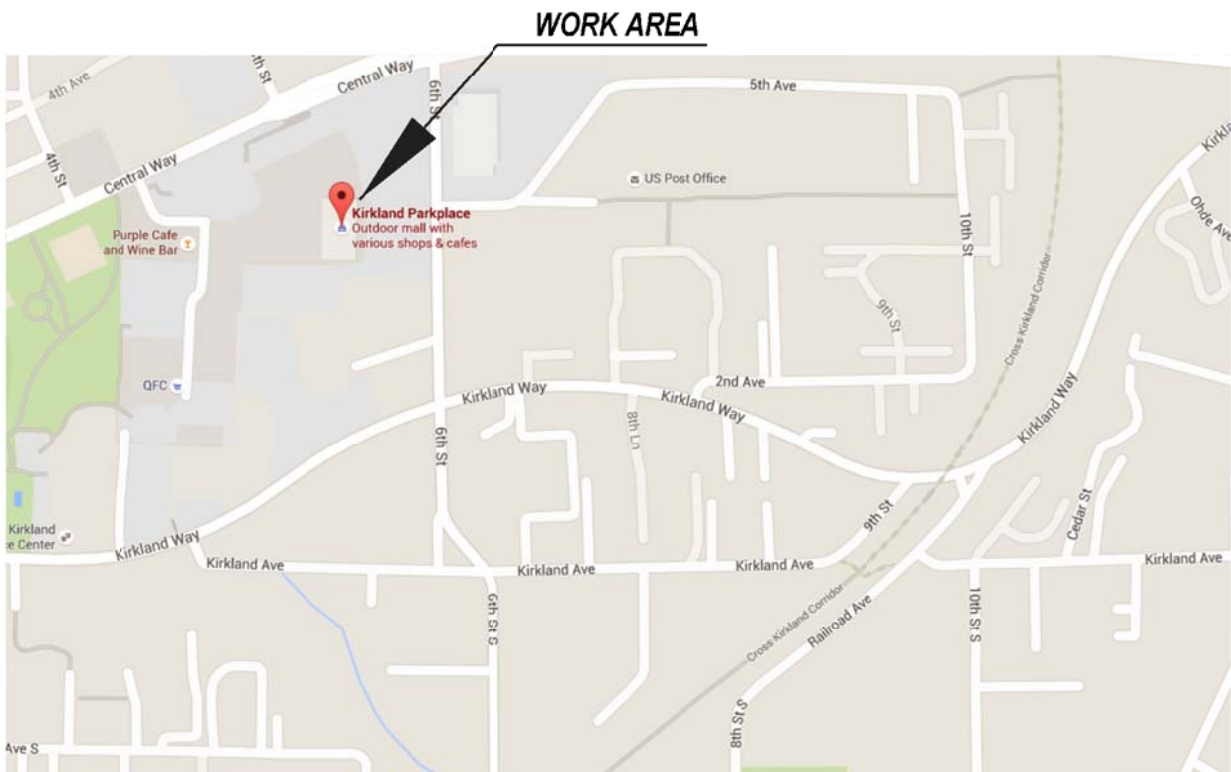
| FIRE ALARM SYSTEM OPERATIONAL MATRIX  |       |            |           |           |         |           |             |           |         |
|---|-------|------------|-----------|-----------|---------|-----------|-------------|-----------|---------|
| CAUSE   | ALARM |            |           |           | TROUBLE |           | SUPERVISORY |           | REMARKS |
|   | DETCT | INITIATION | REPEATING | REPEATING | INITIAL | REPEATING | INITIAL     | REPEATING |         |
| SMOKE/HEAT DETECTORS  | •     | •          | •         | •         | •       | •         | •           | •         |         |
| MANUAL PULL STATION   | •     | •          | •         | •         | •       | •         | •           | •         |         |
| SYSTEM RESET  | •     | •          | •         | •         | •       | •         | •           | •         |         |
| SIGNAL SILENCE  | •     | •          | •         | •         | •       | •         | •           | •         |         |
| AC POWER FAILURE  | •     | •          | •         | •         | •       | •         | •           | •         |         |
| FIRE ALARM TROUBLE (OPEN, SHORTS, OR GROUNDING ON INITIATION OR SIGNALING CIRCUITS) | •     | •          | •         | •         | •       | •         | •           | •         |         |
| TAMPER SWITCHES   | •     | •          | •         | •         | •       | •         | •           | •         |         |
| WATERFLOW SWITCH  | •     | •          | •         | •         | •       | •         | •           | •         |         |

WAVE



| Fire Alarm Symbol Legend |  |             |         |          |           |                    |
|--------------------------|--|-------------|---------|----------|-----------|--------------------|
| SYMBOL                   | DESCRIPTION                            | PART NUMBER | MODEL   | QUANTITY | USER TEXT | UL FM              |
| 15CD                     | HORN/STROBE, 2 WIRE, M-C, RED, CEILING | GCC24-CR    | GCC24CR | 7        | EX        | 464, 1971 Approved |
| 15CD                     | STROBE, M-C, RED, CEILING              | GCS24CR     | GCS24CR | 7        | EX        | 464, 1971 Approved |
| H                        | HORN, WALL, RED                        | GEH24-R     | GEH24-R | 2        | EX        | 464 N/A            |
| S                        | SMOKE, PHOTO, 2-WIRE                   | 2W-B        | 2W-B    | 2        | EX        | S911 3011446       |
| 95CD                     | HORN/STROBE, 2 WIRE, M-C, RED, CEILING | GCC24-CR    | GCC24CR | 6        | EX        | 464, 1971 Approved |
| 30CD                     | HORN/STROBE, 2 WIRE, M-C, RED, CEILING | GCC24-CR    | GCC24CR | 3        | EX        | 464, 1971 Approved |
| 15CD                     | STROBE, M-C, RED, CEILING              | GCS24CR     | GCS24CR | 3        |           | 464, 1971 Approved |
| PS                       | DISTRIBUTED 6-AMP PS (NAC)             | PS-6        | PS-6    | 1        | EX        | Approved Approved  |
| AVS                      | AVS (DUAL) CONTROL MODULE              | AVS44-R     | AVS44-R | 1        | EX        | 464, 1971          |

2ND FLOOR DEMO



VICINITY MAP

SCALE: N.T.S.

## GENERAL NOTES / SCOPE OF WORK

1. SYSTEM WIRING NOTED ON THE DRAWINGS IS PER MANUFACTURE AND CODE REQUIREMENTS. AND ALTERATION TO SYSTEM WIRING, WITHOUT APPROVAL, IS AT CONTRACTOR'S OWN RISK!!
2. SYSTEM WIRING SHOWN ON DRAWINGS IS DIAGRAMMATIC AND ONLY USED FOR REFERENCE PURPOSES. ACTUAL WIRE AND DEVICE INSULATION MAY VARY DUE TO OBSTRUCTIONS.
3. WIRE SHOWN IN THIS DRAWING SET IS PERMITTED IN RACEWAYS LEADING TO FIRE PROTECTION EQUIPMENT. OTHER WIRE SHALL NOT BE PERMITTED IN THE SAME RACEWAY.
4. FIRE ALARM SYSTEM INSTALLATION SHALL CONFORM WITH THE LATEST U.L., N.E.C., N.F.P.A., W.A.C., AND OTHER STANDARDS AS APPLICABLE TO THE CITY STANDARDS.
5. WHEN NECESSARY, DUE TO CHANGING DESIGN REQUIREMENTS, FACTORY AVAILABILITY, ETC. FIRE SYSTEMS WEST RESERVES THE RIGHT TO SUBSTITUTE EQUIPMENT HEREIN MENTIONED OR SPECIFIED, WITH EQUIPMENT OF EQUAL OR BETTER QUALITY, FUNCTION AND DESIGN.
6. PARALLEL BRANCHING (T-TAPPING) OF WIRE TO ALL NOTIFICATION APPLIANCE CIRCUITS SHALL NOT BE PERMITTED.
7. PARALLEL BRANCHING (T-TAPPING) OF WIRE TO ANALOG INITIATING DEVICE CIRCUITS IS PERMISSIBLE.
8. THIS SPACE IS EQUIPPED WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM.
9. FIRE SYSTEMS WEST WILL BE ADD OR RELOCATING FIRE ALARM NOTIFICATION DEVICE PER TENANT IMPROVEMENT.

| FIRE ALARM SYSTEM INFORMATION |                             |                                |                           |
|-------------------------------|-----------------------------|--------------------------------|---------------------------|
| INSTALLER/SUPPLIER            |                             | DESIGNER                       |                           |
| SITE CONTACT:                 | WAVE                        | DESIGN/SUPPLIER:               | FIRE SYSTEMS WEST, INC.   |
| 401 PARKPLACE CENTER          | KIRKLAND, WA 98033          | 206 FRONTAGE ROAD NORTH, STE C | PACIFIC, WASHINGTON 98047 |
| PHONE: (253) 833-1248         | FAX: (253) 735-0113         | PHONE: (253) 833-1248          | FAX: (253) 735-0113       |
| WA ST LICENSE: FIRESW1140B1   | WA ST LICENSE: FIRESW1055LW |                                |                           |

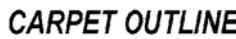
| TYPE                     | SYM  | NEW DEVICE COUNT | TYPE                     | SYM  | NEW DEVICE COUNT |
|--------------------------|------|------------------|--------------------------|------|------------------|
| CEILING HORN STROBE      | 15CD | 0                | CEILING HORN STROBE      | 15CD | 0                |
| OUTDOOR WALL HORN STROBE | 30CD | 0                | OUTDOOR WALL HORN STROBE | 30CD | 0                |
| WALL HORN STROBE         | 15CD | 0                | WALL HORN STROBE         | 15CD | 0                |
| PULL STATION             | PS   | 0                | PULL STATION             | PS   | 0                |
| SMOKE SENSORS            | S    | 0                | SMOKE SENSORS            | S    | 0                |
| HEAT SENSORS             | H    | 0                | HEAT SENSORS             | H    | 0                |
| MINI HORNS               | MH   | 0                | MINI HORNS               | MH   | 0                |

|  |   |
|--|---|
| A  | 142 PPLP                                |
| B  | 162 PPLP                                |
| EX   | EXISTING LOCATION (SWAP FOR NEW DEVICE) |
| WP   | WEATHER PROOF                           |
| N  | NEW DEVICE                              |
| R  | RELOCATE                                |
| *STROBE COVERAGE AREA SHALL BE DEFINED AS: |   |
| 10 FT. CLG. HT.                            | 20 FT. CLG. HT.                         |
| 15' od = 30' x 30'                         | 20' od = 30' x 30'                      |
| 20' od = 40' x 40'                         | 25' od = 40' x 40'                      |
| 30' od = 50' x 50'                         | 35' od = 50' x 50'                      |
| 40' od = 60' x 60'                         | 45' od = 60' x 60'                      |
| 50' od = 70' x 70'                         | 55' od = 70' x 70'                      |


|   |                      |   |                       |   |
|---|----------------------|---|-----------------------|---|
| <b>Fire Systems West</b><br>206 FRONTAGE ROAD NORTH, SUITE C<br>PACIFIC, WASHINGTON 98047<br>(253) 833-1248 Fax: (253) 735-0113<br> | WA CL# FIRESWI 140B1 |   | WA ECL# FIRESWI 055LW |   |
|   | PROJECT:             | 8-17-0219   | WAVE FIRE ALARM PLAN  |   |
|   | DATE:                | 04/04/2016  | CONTRACT NAME:        | PRIDE ELECTRIC<br>18133 NE 68TH ST<br>SUITE D-120 |
|   | SCALE:               | 1/8" = 1'-0"  | ON-SITE CONTACT:      | JUSTIN BRANSON 425-736-2407                       |
| SHEET:  |                      | FA-01   |                       |   |
|   |                      | FILE: Wave 2nd Floor.cad DATE: 04/05/16 TIME: 15:22:33 -- |                       |   |



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|                                |
|--------------------------------|
| DESIGNER                       |
| MATT CARLMAN                   |
| FIRE SYSTEMS WEST, INC         |
| 206 FRONTAGE ROAD NORTH, STE C |
| PACIFIC, WASHINGTON 98047      |
| PHONE: (253) 833-1248          |
| FAX: (253) 735-0113            |

X 



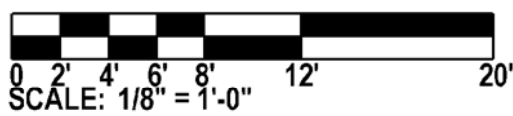
FOR FIRE DEPARTMENT USE ONLY

|    |  |
|----|--|
| A  | 14/2 FPLP                                  |
| B  | 16/2 FPLP                                  |
| EX | EXISTING LOCATION<br>(SWAP FOR NEW DEVICE) |
| WP | WEATHER PROOF                              |
| N  | NEW DEVICE                                 |
| R  | RELOCATE                                   |

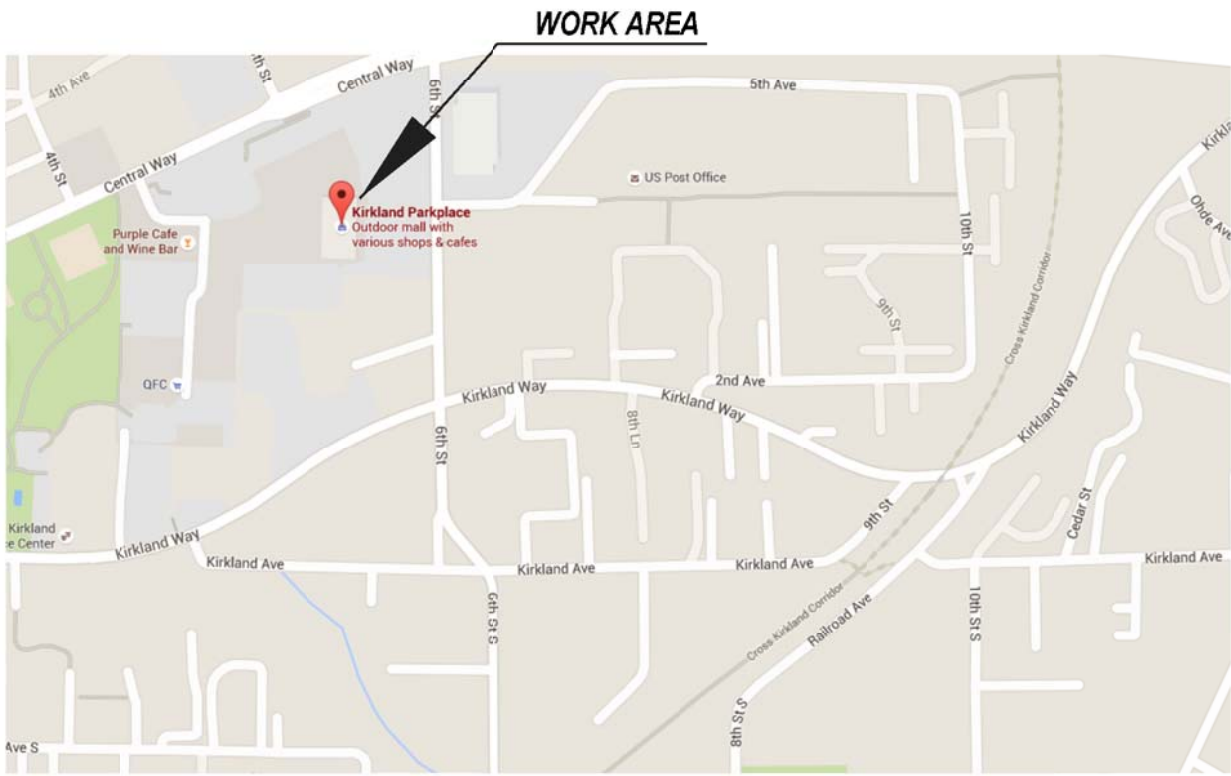
**\*STROBE COVERAGE AREA SHALL BE DEFINED AS:**

| 10 FT. CLG. HT. | 20 FT. CLG. HT.  | 30 FT. CLG. HT.  |
|-----------------|------------------|------------------|
| 15 cd = 20'x20' | 30 cd = 20'x20'  | 75 cd = 20'x20'  |
| 30 cd = 30'x30' | 75 cd = 30'x30'  | 95 cd = 30'x30'  |
| 75 cd = 40'x40' | 95 cd = 40'x40'  | 110 cd = 40'x40' |
| 95 cd = 50'x50' | 110 cd = 50'x50' | 115 cd = 50'x50' |

## 2ND FLOOR FIRE ALARM PLAN

[illegible]

# Must Remain On Site



## VICINITY MAP

SCALE: N.T.S.